PURION®
the best solution

PURION DVGW ZERT

...is characterised by an extraordinarily high disinfection performance with a compact design and low energy consumption. It is designed in accordance with applicable laws, standards and guidelines.

Figure: PURION DVGW ZERT

The PURION 2501 230 E 106 W ZERT unit with DVGW certificate is DVGW certificate is made of electropolished stainless steel and can be supplied with a 1 1/2" round thread connection or TriClamp DN40 connection.

Optionally, the PURION 2501 230 E 106 W ZERT can be equipped with the PURION mounting set. This allows easy and space-saving wall mounting.

The UV lamps used are characterised by a long service life, high disinfection performance and low energy consumption. The power supply is 230 V 50 Hz.

The compact design allows easy lamp removal without tools and lamp replacement, for example at the end of the lamp's service life. For cleaning purposes, the quartz immersion tube can also be dismantled or mounted without tools.

The water to be treated flows through the housing and is directed along the quartz immersion tube in which the lamp is mounted. The water film thickness of only 27.5 mm, meaning the distance between the UV light exit on the quartz tube surface and the inner wall of the housing, guarantees optimal penetration of the medium by the UV light, which inactivates all bacteria and viruses and renders them harmless. rendered harmless.

manufacturer	PURION® GmbH
type	PURION 2501 230 E 106 W ZERT
flow rate	UVC transmission 96% T_1 cm: 3,4m³/h
water temperature	0 up to 90°C
reactor	stainless steel 1.4571
connection	Tri Clamp DN40 or R 1 1/2“
seal	KTW/W270 (parts in contact with the medium)
dimensions in mm: reactor: L x Ø control cabinet: HxWxD	 928 x 85 400 x 300 x 165
flange distance	810 mm
weight	8,0 Kg
radiator service life	10.000 h
number of radiators	1
dose	400 J/m²
max. temperature	90°C
max. operating pressure	10 bar
protective system	IP 65
electrical connection	230 V 50 Hz
total power	1 x 106 W
fuse	10 A

This UV system is used, among other things, for:

drinking water	•
hot water/ legionella control	•
beverage industry	•

Advantages

- no chemical input into the water to be sterilised
- no odour and taste impairment
- low-maintenance operation
- low operating costs